

Amendments to the Claims:

This listing of claims will replace all prior version, and listings, of claims in the application

Listing of Claims

1.-5. (canceled)

6. (new) A head up display having a device for producing a focused light flux, said display comprising:

a light source having a plurality of light emitting diodes arranged in points of a light emitting diode matrix;

an optical device arranged and dimensioned for focusing and scattering light produced by said light source, the optical device including a grid reflector comprising walls reflecting the light produced by said light source and forming light channels for each point of said light emitting diode matrix, said light channels each having a first end facing said light source and a second end at a light exit opening of said optical device, and a positive lens arranged at the first end of each of said light channels;

an image reproduction apparatus including light valves arranged proximate the light exit opening of said optical device; and

a diffusing screen arranged between the image reproduction apparatus and the light exit opening.

7. (new) The head up display of claim 6, further comprising a plate arranged between said light source and second grid reflector, said positive lenses of said optical device being integrally connected with said plate.

8. (new) The head up display of claim 6, further comprising a plurality of webs arranged between said light source and said grid reflector, said positive lenses being

arranged in groups, each of said groups of positive lenses being integrally connected with one of said plural webs.

9. (new) The head up display of claim 6, wherein each of said positive lenses comprises an astigmatic lens having different radii of curvature in different directions.

10. (new) The head up display of claim 6, wherein said image reproduction apparatus is arranged obliquely such that incident light is reflected in a direction that is different than the direction in which the light from said light source leaves the image reproduction apparatus.